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| **Course unit title** | **RESEARCH PRACTICE** |
| **Course unit code** | Citi6020 |
| **Type of course unit**  | B part – Restricted option |
| **Level of course unit** | 2nd cycle (Master) |
| **Year of study**  | - |
| **Semester** | IV |
| **Number of ECTS credits** | 9 |
| **Name of lecturer(s)** | Anita Jansone, Dr.sc.comp., Dzintars Tomsons, Mg.sc.comp. |
| **Learning outcomes of the course unit** | **Aims of the course**To give students an opportunity to improve theoretical knowledge, develop professional abilities and competences for IKT brach specialists, develop skills and abilities in doing researches and data processing.**Objectives of the course*** To batch and analyse without assistance theoretical verities about research problem
* To choose the most suitable practical research methods
* To express his/her own opinion on chosen theme's practical solution
* To control fulfilment of the work and give an overview about its results
* To improve acquired theoretical knowledge, abilities and skills

**Results of the course (competences to be developed)**Professional abilities and competences for IKT branch specialists; skills and abilities in doing researches and data processing |
| **Mode of delivery** | Face-to-face |
| **Prerequisites and co-requisites** | All studies courses |
| **Recommended optional programme components** | - |
| **Course contents** | The practice proceeds in higher educational establishment. Student defines tasks of practice together with his/her master paper supervisor. They are confirmed at the meeting of the Department of Mathematics and Computer Science. At the end of practice students write practice report in compliance with LAP regulations of practice and set tasks for practice. In pactice report has to be included the plan of practice procedure, description of tasks done there and assessment. Practice report is written parallel to practice procedure. It has to be handed in to pstudy rogramme director. |
| **Course plan** | Chose of master paper's theme and drawing up the plan of its development.Studies of scientific and profesional literature.Making a draft of master paper.Report in seminar.Publications about preparation of the theme of master paper.Practice tasks, which are involving working out of master paper |
| **Recommended or required reading** | Accordingly to student's practice individual tasks |
| **Planned learning activities and teaching methods** | Student's individual work |
| **Assessment methods and criteria** | Examination; practice documentation |
| **Language of instruction** | English |
| **Work placement(s)** | N/a |